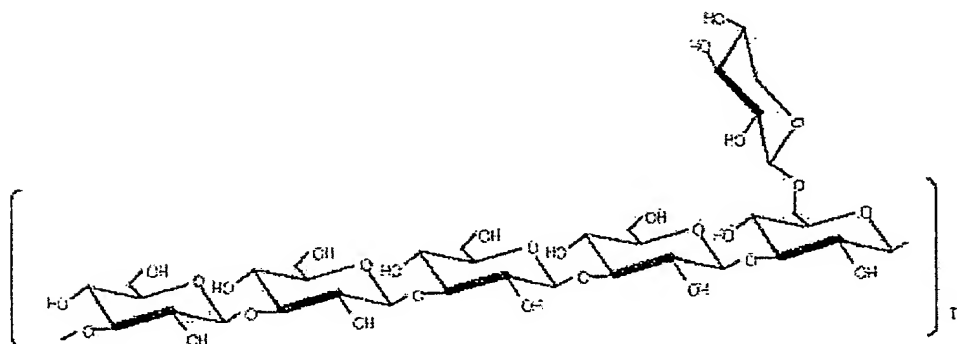


CLAIMS

1. A composition for prevention and treatment of osteoporosis comprising beta-glucan as an effective ingredient.
2. The composition of the above claim 1, wherein said beta-glucan is the
5 beta-1,3/1,6 glucan of following Formula 1 having a lactic acid as a substituent.

[Formula 1]



- 10 3. The composition of the above claim 2, said beta-1,3/1,6 glucan is produced from *Aureobasidium pullulans* SM2001 (KCCM 10307).